### (12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

#### (19) World Intellectual Property Organization International Bureau



## 

# (43) International Publication Date 28 December 2000 (28.12.2000)

**PCT** 

# (10) International Publication Number WO 00/78952 A2

(51) International Patent Classification7: C12N 15/12, 5/10, C07K 14/47, C12N 15/00, A01K 67/027, C12Q 1/68, C07K 16/18, A61K 38/00

(21) International Application Number: PCT/US00/16644

(22) International Filing Date: 15 June 2000 (15.06.2000)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

60/139,922

17 June 1999 (17.06.1999) U

(63) Related by continuation (CON) or continuation-in-part (CIP) to earlier application:

US Filed on 60/139,922 (CIP) 17 June 1999 (17.06.1999)

(71) Applicants (for all designated States except US): IN-CYTE GENOMICS, INC. [US/US]; 3160 Porter Drive, Palo Alto, CA 94304 (US). BAUGHN, Mariah, R. [US/US]; 14244 Santiago Road, San Leandro, CA 94577 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): BANDMAN, Olga [US/US]; 366 Anna Avenue, Mountain View, CA 94043 (US). YUE, Henry [US/US]; 826 Lois Avenue, Sunnyvale, CA 94087 (US). LAL, Preeti [IN/US]; 2382 Lass Drive, Santa Clara, CA 95054 (US). TANG, Y., Tom [CN/US]; 4230 Ranwick Court, San Jose, CA 95118 (US). REDDY, Roopa [IN/US]; 1233 W. McKinley Avenue #3. Sunnyvale, CA 94086 (US). AZIMZAI, Yalda [US/US]; 2045 Rock Springs Drive, Hayward, CA 94545 (US).

(74) Agents: HAMLET-COX, Diana et al.; Incyte Genomics. Inc., 3160 Porter Drive, Palo Alto, CA 94304 (US).

- (81) Designated States (national): AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

#### Published:

 Without international search report and to be republished upon receipt of that report.

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

0/78952 A

(54) Title: RNA METABOLISM PROTEINS

(57) Abstract: The invention provides human RNA metabolism proteins (RMEP) and polynucleotides which identify and encode RMEP. The invention also provides expression vectors, host cells, antibodies, agonists, and antagonists. The invention also provides methods for diagnosing, treating, or preventing disorders associated with expresssion of RMEP.

